



AP Environmental Science  
Ms. Johnson

**Agenda: Week of Oct 18, 2010**

**Focus Questions**

- 1) Energy is the basis for interactions in the universe. What do we know about energy? (Laws of Thermo)
- 2) UNIT 2: Does the Earth behave like a living organism? (Gaia hypothesis)
- 3) How and why does nature recycle the surface of the Earth?

Date	Objectives	Vocabulary	Homework
Mon, 10/18	Explain heat as kinetic energy and define a "system"  <b><u>End Unit 1: Intro to EnviSci &amp; Energy Review</u></b>	Conservation of Mass Kinetic Energy Heat Temperature System Positive Feedback Loop Negative (corrective) feedback loop	-Design experiment by Tues -Have progress report signed & read Miller Ch 3-4 (pp. 61-65) by Wednesday -Read p. 345-360 by Thurs. -Read "Evolution of Minerals" article (handout) by Friday
Tues, 10/19	<b>Introduction to Earth Science: Unit 2</b> - Conduct Experiment -Explain the interconnectedness of Earth systems	Gaia Hypothesis Earth Systems	Finish Gaia graph and questions
Wed, 10/20	List and describe the steps of the rock cycle	Lithification/cementation Burial/compaction Heat and pressure Weathering Erosion Melting Crystallization	Continue with readings
Thurs, 10/21	Observe rock samples and identify whether they are igneous, sedimentary, or metamorphic	Sedimentary Metamorphic Igneous	Finish reading the article
Fri, 10/22	Work in groups to prepare a presentation that addresses the guiding questions for your segment of the article.		Finalize your class presentation for Monday. See rubric for details. -Read remainder of Ch 14 by Unit Test

**ANNOUNCEMENTS AND UPCOMING EVENTS**

- 1) We will have class during the half-day Wednesday (Periods 8,7, 6, 5)
- 2) You will have group presentations next Monday on a segment of the "Evolution of Minerals" article.

**REMINDERS**

- 1) Readings are required and important.
- 2) No cell phone use in class – we need your full attention on the course material!
- 3) Just because I like you doesn't mean I won't write you up for being out of uniform!

**RISE TO THE CHALLENGE!!**